

05-04-04

PATENT APPLICATION

ATTORNEY DOCKET NO. 200209342-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): John Warren Maly, et al.

Confirmation No.:

Application No.: 10/753,676

Examiner: Not Assigned

Filing Date: Jan. 8, 2004

Group Art Unit:

Title: SYSTEMS AND METHODS FOR INITIALIZING A LOCKSTEP MODE TEST CASE  
SIMULATION OF A MULTI-CORE PROCESSOR DESIGN

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ( ) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below (X) Supplemental Declaration  
( ) No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")  
(X) Other: Return Post Card (fee \$ )

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$18	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$86	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. EV008783895US

Date of Deposit May 3, 2004

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450

By Sharon Schenk  
Typed Name: Sharon Schenk

Respectfully submitted,

John Warren Maly, et al.

By

Peter C. Knops

Attorney/Agent for Applicant(s)  
Reg. No. 37,659

Date: May 3, 2004



PATENT  
Attorney Docket No. 200209342-1  
Express Mail Label No. EV008783895US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s)	John Warren Maly, et al.	Examiner	Not Yet Assigned
Serial No.	10/753,676	Group Art No.	Not Yet Assigned
Filed	January 8, 2004	Confirmation No.	Not Yet Assigned
For	Sytems And Methods For Initializing A Lockstep Mode Test Case Simulation Of A Multi-Core Processor Design		

May 3, 2004

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUBMISSION OF SUPPLEMENTAL DECLARATION AND  
POWER OF ATTORNEY FOR PATENT APPLICATION**

Dear Sir:

Applicant hereby submits a newly executed Supplemental Declaration And Power of Attorney For Patent Application. The title was inadvertently listed as the Sytems And Methods For Initializing A Lockstep Mode Test Case Simulation Of A Multi-Care Processor Design on the originally submitted declaration and, therefore, Applicant has corrected the declaration to show the title as Sytems And Methods For Initializing A Lockstep Mode Test Case Simulation Of A Multi-Core Processor Design.

Please contact the undersigned attorney for any additional information.

Respectfully submitted,

LATHROP & GAGE LLC

Peter C. Knops, Reg. No. 37,659  
2345 Grand Boulevard, Suite 2400  
Kansas City, MO 64108  
Tel No: 816/460-5826  
Fax No: 816/292-2001

**SUPPLEMENTAL  
DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

**PATENT APPLICATION**

MAY 03 2004

ATTORNEY DOCKET NO. 200209342-1

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as shown below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEMS AND METHODS FOR INITIALIZING A LOCKSTEP MODE TEST CASE SIMULATION OF A MULTI-CORE PROCESSOR DESIGN**

the specification of which is attached hereto unless the following box is checked:

(X) was filed on Jan. 8, 2004 as US Application No. or PCT International Application  
Number 10/753,676 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

**Foreign Application(s) and/or Claim of Foreign Priority**

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

**Provisional Application**

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE

**U. S. Priority Claim**

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

**POWER OF ATTORNEY:**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number 022879

Place Customer  
Number Bar Code  
Label here

Send Correspondence to:  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

Direct Telephone Calls To:  
William P. O'Meara  
(970) 898-7917

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: John Warren Malv

Citizenship: United States

Residence: 13500 Owl Canyon Trail, Laporte, Colorado 80535

Post Office Address: 13500 Owl Canyon Trail, Laporte, Colorado 80535


Inventor's Signature

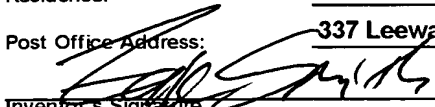
Date

2/19/04

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)**

ATTORNEY DOCKET NO. 200209342-1

Full Name of joint inventor: Ryan Clarence Thompson Citizenship: United States  
Residence: 443 Sundisk Drive, Loveland, Colorado 80538  
Post Office Address: 443 Sundisk Drive, Loveland, Colorado 80538  
Inventor's Signature:  Date: 2/19/04

Full Name of joint inventor: Zachary Steven Smith Citizenship: United States  
Residence: 337 Leeward Court, Fort Collins, Colorado 80525  
Post Office Address: 337 Leeward Court, Fort Collins, Colorado 80525  
Inventor's Signature:  Date: 2-19-2004

Full Name of joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_